

REMARKS

The specification has been amended to correct minor obvious errors. A marked up version of the amended paragraphs of the specification is attached hereto pursuant to 37 C.F.R. § 1.121(b)(iii). Claims 1, 4, 10 and 13 have been amended for clarity. A marked up version of the amended claims is also attached hereto pursuant to 37 C.F.R. § 1.121(c)(ii). New claims 19 and 20 have been added. Claims 2, 3, 5-9, 11, 12 and 14-18 remain unchanged. Thus, claims 1-20 are presently pending in this application for consideration.

The amendments to the present application are made to place the application in better form and to place the application in condition for allowance. No new matter has been added. Entry and consideration of these amendments prior to the first Office Action are respectfully requested.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at Los Angeles, California telephone number (213) 337-6742 to discuss the steps necessary for placing the application in condition for allowance.

If there are any fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-1314

Respectfully submitted,

HOGAN & HARTSON L.L.P.

By: 

Anthony J. Orler

Registration No. 41,232

Attorney for Applicant(s)

Date: July 24, 2002

Biltmore Tower
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071
Telephone: (213) 337-6700
Facsimile: (213) 337-6701

Version with markings to show changes made:

IN THE SPECIFICATION:

Please amend paragraph at 0008 on page 3 as follows:

An [object] advantage of the present invention is to provide a facsimile gateway device that is used as a second gateway device in a real time Internet facsimile communication system and is capable of avoiding interruption of the facsimile communication due to the delay in the data transmission over the Internet, easily as compared with the conventional technology, without changing the communication procedure for the second gateway device.

Please amend the paragraph 0009 on page 3 as follows:

According to one aspect of the present invention, there is provided a gateway device for use with a real time Internet facsimile communication system adapted to transmit a facsimile image data from a first communication terminal device to second communication terminal device via a first communication network, a device for converting the facsimile image data into a packet data, a second communication network, the gateway device, and third communication network[;]. [said] The gateway device [comprising:] includes a storage unit for receiving the packet data from the second communication network [;], an inverting unit for inverting the packet data into the facsimile image data [;], and a control unit for normally transmitting the third communication network[;]. [and for appending] The control unit also appends an error data to a test data used for a training purpose and transmitting the error data together with the test data, instead of [the facsimile image] standard test data, to the second communication terminal device via the third communication network if an amount of the facsimile image data stored in the storage unit is smaller than a prescribed amount.

The gateway device of the invention can avoid interruption of facsimile communication caused by a delay in data transmission made over the Internet, without modifying a communication procedure.

IN THE CLAIMS:

Please amend the claims as indicated below:

1. (Once Amended) [In a real time Internet facsimile communication system adapted to transmit a facsimile image data from a first communication terminal device to a second communication terminal device via a first communication network, a device for converting the facsimile image data into a packet data, a second communication network, a gateway device, and a third communication network, said] A gateway device comprising:

a storage unit for receiving [the] a packet data from [the] a second communication network;

an inverting unit for inverting the packet data into [the] a facsimile image data; and

a control unit for normally transmitting the facsimile image data to [the] a second communication terminal device via [the] a third communication network, and for appending an error data to a test data used for a training purpose and transmitting the error data together with the test data, instead of [the facsimile image] standard test data, to the second communication terminal device via the third communication network if an amount of the facsimile image data stored in the storage unit is smaller than a prescribed amount.

4. (Once Amended) The gateway device according to claim 1, wherein [the] a first communication terminal device scans a document having

a plurality of pages and prepared the facsimile image data to be sent to [the] a first communication network, and when the image data of all the plurality of pages are not received by the gateway device or not transmitted to the second communication terminal from the gateway device and the amount of the facsimile image data stored in the storage unit is smaller than the prescribed amount, then the gateway device receives again the facsimile image data from the second communication network and stores the facsimile image data into the storage unit.

10. (Once Amended) [For use with a real time Internet facsimile communication system adapted to transmit a facsimile image data from a first terminal device to a second terminal device via a first network, a device for converting the facsimile image data into a packet data, a second network, a gateway device, and a third network, said] A gateway device comprising:

a storage means for receiving [the] a packet data from [the] a second network;

means for inverting the packet data into [the] a facsimile image data; and

control means for normally transmitting the facsimile image data to [the] a second terminal device via [the] a third network, and for appending an error data to a test data used for a training purpose and transmitting the error data together with the test data, instead of [the facsimile image] standard test data, to the second terminal device via the third network if an amount of the facsimile image data stored in the storage means is smaller than a prescribed amount.

13. (Once Amended) The gateway device according to claim 10, wherein [the] a first terminal device scans a document having a plurality of pages and prepared the facsimile image data to be sent to [the] a first

network, and when the image data of all the plurality of pages are not received by the gateway device or not transmitted to the second terminal from the gateway device and the amount of the facsimile image data stored in the storage means is smaller than the prescribed amount, then the gateway device receives again the facsimile image data from the second network and stores the facsimile image data into the storage means.